

05/24/01
JC885 U.S. PTO

**SWABEY
OGILVY RENAULT**
S.E.N.C.

PATENT AND TRADE MARK AGENTS

Ottawa
May 23, 2001

Assistant Commissioner for Patents
Washington, D.C. 20231
U.S.A.

Sir:

Re: New United States Patent Application
Title: METHOD AND DATA STRUCTURE FOR
COMPRESSING FILE-REFERENCE INFORMATION
Inventor(s): Michael J. GARVIN
Assignee: Nortel Networks Limited
Our File: 9-13528-159US MRW

Transmitted herewith for filing is the patent application of:

INVENTORS: Michael J. GARVIN

TITLE OF THE INVENTION:

METHOD AND DATA STRUCTURE FOR
COMPRESSING FILE-REFERENCE INFORMATION

The following documents are enclosed:

- a) Utility Patent Application Transmittal PTO/SB/05
- b) Our cheque No. 008704,
Fee Transmittal Form PTO/SB/17 (in duplicate) and Patent
Application Fee Determination Record PTO/SB/06,
covering:
- | | |
|-----------------------------------|-----------------|
| Filing Fee | \$710.00 |
| Recording of Assignment | \$ 40.00 |
| Total Number of Claims: 28 | |
| Claims in excess of 20 (8 @ \$18) | <u>\$144.00</u> |
| Total | \$894.00 |

ROBERT MITCHELL
GUY J. HOULE
PAUL MARCOUX
KEVIN P. MURPHY
JOHN D. MILLER
ROBERT CARRIER
JOAN M. VAN ZANT
MICHEL SOFIA
FRANCE CÔTÉ
CÉLINE TREMBLAY
MAX R. WOOD
JAMES ANGLEHART
PAUL J. FIELD
PATRICIA SEGUIN
WAYNE YAN
FRANÇOIS NADEAU
KENT DANIELS
SUSAN I. TANDAN
ELIZABETH E. GOUTHRO
CHRISTIAN CAWTHORN
JENNIFER QUINN

JOAN CLARK, Q.C.
C. ROSS CARSON
MALCOLM E. MCLEOD
J. NELSON LANDRY
DANIEL I. LACK
CLAUDE BRUNET
PATRICK E. KIERANS
TERRANCE J. MCMAUS
JOHANNE GAUTHIER
DANIELE BOUTET
KENNETH E. SHARPE
JUDITH ROBINSON
DANIEL S. DRAPEAU
GEORGE R. LOCKE
NICOLAS SAPP
BRIAN DALEY
LEIGH D. CRESTOHL
JOANNE CHRIQUI
BENOÎT CLERMONT
LEANNE SOUQUET

Administrator
JAMES A. FRASER

ALAN SWABEY [1909-1990]
MELVIN SHER [1935-1994]

A FIRM IN WHICH SWABEY, MITCHELL,
HOULE, MARCOUX & SHER AND
THE LAW FIRM OGILVY RENAULT
ARE PARTNERS

Assistant Commissioner of Patents

May 23, 2001

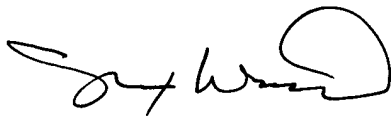
- c) Specification/Claims/Abstract
- d) Formal Drawings (5 Sheets - Figs. 1 - 5)
- e) Declaration under 37 CFR 1.63, with
Patent Application Data Sheet
- f) Power of Attorney
- g) Assignment in favor of Nortel Networks Limited
with Recordation Form PTO-1619A
- h) Request and Certification under 35 U.S.C. 122(b)(2)(B)(i)
- i) Information Disclosure Statement with PTO Form 1449
- j) Return receipt postcard.

The applicant/inventor(s) qualify for **large** entity status.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to our Account No. 19-5113.

Please note that the address of the agents for the applicant in this matter should be the Montreal address identified in the enclosed Patent Application Data Sheet. Correspondence may be directed to Max R. Wood at the Montreal address of Swabey Ogilvy Renault.

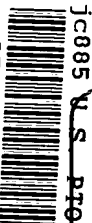
Respectfully submitted,



Max R. Wood
Reg. No. 40,388
Agent of Record
Encls.

104250 67229960

05/24/01

Please type a plus sign (+) inside this box → ☐

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	9-13528-159US
First Inventor	Michael J. GARVIN
Title	METHOD AND DATA STRUCTURE FOR COMPRESSING... INFORMATION
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **32**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **5**]
5. Oath or Declaration [Total Pages **1**]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 **7** Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Cover letter/cheque

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	020988 (Insert Customer No. or Attach bar code label here)	or	<input type="checkbox"/> Correspondence address below
Name	Swabey Ogilvy Renault		
Address			
City	State	Zip Code	
Country	Telephone	Fax	
	613-230-6072	613-230-6706	

Name (Print/Type)	Max R. Wood	Registration No. (Attorney/Agent)	40,388
Signature		Date	May 23, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 894

Complete if Known

Application Number

Filing Date

First Named Inventor

Michael J. GARVIN

Examiner Name

Group Art Unit

Attorney Docket No.

9-13528-159US

METHOD OF PAYMENT

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

19-5113

Deposit
Account
Name

Swabey Ogilvy Renault

- ☒
- Charge Any Additional Fee Required
-
- Under 37 CFR 1.16 and 1.17

- ☐
- Applicant claims small entity status.
-
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

- ☒
- Check
- ☐
- Credit card
- ☐
- Money
-
- Order
- ☐
- Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)

101 710 201 355 Utility filing fee

106 320 206 160 Design filing fee

107 490 207 245 Plant filing fee

108 710 208 355 Reissue filing fee

114 150 214 75 Provisional filing fee

Fee Paid

710

SUBTOTAL (1) (\$ 710.00**2. EXTRA CLAIM FEES**

Total Claims	28	-20** =	8	x	18	=	144
Independent Claims	3	-3** =	0	x	0	=	0
Multiple Dependent				x		=	0

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)

103 18 203 9

102 80 202 40

104 270 204 135

109 80 209 40

110 18 210 9

Claims in excess of 20

Independent claims in excess of 3

Multiple dependent claim, if not paid

** Reissue independent claims
over original patent** Reissue claims in excess of 20
and over original patent**SUBTOTAL (2)**

(\$ 144

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)

105 130 205 65

127 50 227 25

139 130 139 130

147 2,520 147 2,520

112 920* 112 920*

113 1,840* 113 1,840*

115 110 215 55

116 390 216 195

117 890 217 445

118 1,390 218 695

128 1,890 228 945

119 310 219 155

120 310 220 155

121 270 221 135

138 1,510 138 1,510

140 110 240 55

141 1,240 241 620

142 1,240 242 620

143 440 243 220

144 600 244 300

122 130 122 130

123 50 123 50

126 240 126 240

581 40 581 40

146 710 246 355

149 710 249 355

179 710 279 355

169 900 169 900

Other fee (specify)

Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 40

40

Filing a submission after final rejection
(37 CFR § 1.129(a))For each additional invention to be
examined (37 CFR § 1.129(b))

Request for Continued Examination (RCE)

Request for expedited examination
of a design application**SUBMITTED BY**

Name (Print/Type)

Max R. Wood

Registration No.
(Attorney/Agent)

40,388

Complete (if applicable)

Telephone

613-230-6072

Signature

Date

May 23, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/17 (09-00)

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor		Michael J. GARVIN
	Title	METHOD AND DATA STRUCTURE FOR COMPRESSING FILE-REFERENCE INFORMATION	
	Atty Docket Number		9-13528-159US

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

May 23, 2001

Date



Signature

Max R. Wood

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

0986319 0540